

IN THE CLAIMS:

Claim 1 (Currently amended) A closed circuit television system for an in flight entertainment system for an aircraft, said system comprising:

an in flight entertainment local area network providing audio and video output;

~~at least one a~~ video camera providing ~~a field of view forward and downward from the aircraft's centerline, said at least one video camera generating a digital video signal~~
providing a plurality of separate video images;

a plurality of video display modules for a corresponding plurality of passengers, said plurality of display modules being connected to said in flight entertainment local area network ~~for selecting and displaying a selected video image;~~

a video camera control module connected to said video camera for receiving said plurality of separate video images, and connected to said in flight entertainment local area network, ~~said at least one video camera and said plurality of video display modules for receiving said digital video signal and~~ for providing an omniview frame image a plurality of selected video images to said plurality of video display modules, respectively, based upon said plurality of separate video images; and

a plurality of interactive personal control units corresponding to said plurality of passengers, said plurality of interactive personal control units being connected to said in flight entertainment local area network and interfacing between said plurality of passengers and said video camera control module, each of said plurality of interactive personal control units corresponding to respective ones of said plurality of video display

modules and connected to said video camera control module for receiving said omniview frame image ~~operating the video camera control module~~ to permit each of said plurality of passengers to independently select a desired field of view for each of said video display modules for said corresponding plurality of passengers from said omniview frame image.

Claim 2 (Cancelled)

Claim 3 (Currently amended) The system of Claim 1, wherein said ~~at least one~~ video camera comprises a video camera having a 140° field of view lens that can be rotated 90° about a mounting axis that is perpendicular to a tangent to the surface of the aircraft, providing a maximum angular size of the video frame that is approximately 140° horizontally and 128° vertically, and which is 90° from the normal aspect ratio orientation of the lens.

Claims 4-8 (Cancelled)

Claim 9 (New) A closed circuit television system for an in flight entertainment system for an aircraft having a plurality of passenger seat positions, said system comprising:

a video camera mounted to the aircraft and providing a plurality of separate images;

a video camera control unit connected to said video camera for receiving said plurality of separate images and combining said plurality of separate images in an omniview frame image;

an in flight entertainment local area network connected to said video camera control unit for receiving said omniview frame image, said in flight entertainment local area network providing audio and video output;

a plurality of interactive video and audio display units connected to said in flight entertainment local area network for receiving said omniview frame image and said audio and video output, each of said plurality of video and audio display units being located at said plurality of passenger seat positions, respectively;

a plurality of video monitors connected to said plurality of interactive video and audio display units, respectively;

a plurality of personal control units connected to said plurality of interactive video and audio display units, respectively, each of said plurality of personal control units controlling selection of a desired field of view of a corresponding one of said plurality of video monitors to electronically pan, tilt and zoom the desired field of view from said omniview frame image for each of the plurality of interactive video and display units independently of each of the other of said plurality of interactive video and display units, and said plurality of personal control units being operatively connected to said video camera to control interactive operation of said video camera.

10. (New) The system of Claim 9, wherein said video camera comprises a plurality of sensors providing said plurality of separate images, respectively.

11. (New) The system of Claim 1, wherein said plurality of personal control units are operatively connected to said video camera to control interactive operation of said video camera.